

# GRAND CANYON THE GUIDE NATIONAL PARK

A free publication to provide information about Grand Canyon National Park

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## South Rim Nature Trail

One of the best ways to experience the Grand Canyon is to take a hike. Most of the inner Canyon trails, however, are strenuous and time consuming. If you are only in fair condition or have small children with you, an excellent alternative is the Rim Trail.

The trail extends along the rim of the Canyon between Maricopa Point on the West Rim and Yavapai Museum east of the Visitor Center. The entire length of the trail is paved and it is level in most sections providing a sharp contrast to the Inner Canyon trails. While the overall length of the trail is 3½ miles, you can walk any part of it, making your trip as long or as short as you wish.

The section of the trail between Verkamp's Curio, Yavapai Museum and the Visitor Center is a self-guiding nature trail. Pamphlets explaining the biology and geology of the Grand Canyon are available at the Visitor Center and at each end of these sections of the trail. They cost 25¢.

## Have a Safe Stay in the Park

**Watch Your Children.** Your hand and your voice may be too far away once your child has climbed over barrier or wall.

**Keep Your Distance from Wild Animals.** Do not feed or attempt to disturb or touch animals in the park. Rodents may bite and large animals have been known to kick when frightened.

**Know Your Limits.** The South Rim of Grand Canyon is 7000 feet (2133 meters) above sea level. Unaccustomed exercise at this altitude can be dangerous.

**Find a Friend.** The majority of hiker fatalities occur with solo hikers. Make sure someone knows your plans.

**Keep Track of Your Belongings.** Remove all valuables from your car and trunk. Immediately report any suspicious activity to a ranger. A thief works quickly.

**REMEMBER:** You are responsible for your own safety.

## How to See Grand Canyon

There is no "best way" to see Grand Canyon. However, visitors often seek recommendations about what to do or where to view the canyon. For some, the answer may be to simply relax and enjoy the serenity. For others the following list may be helpful. Here's what you do if you have:

### Two or Three Hours

1. Visit Yavapai Geologic Museum for exhibits about the geologic history and see a panoramic view of the Canyon.
2. Ride the free West Rim Shuttle Bus for scenic views of Grand Canyon. Take the bus just west of Bright Angel Lodge and enjoy the eight mile ride to Hermit's Rest. The Colorado River can be seen from Hopi Point, Mohave Point, and Pima Point.

### Half Day

1. See the exhibits in the Visitor Center and watch the 12-minute orientation slide program for a good introduction to the park.
2. Visit Yavapai Museum for exhibits about Canyon geology and a panoramic view.
3. Take a walk along the Rim Trail. This self-guiding nature trail can be started at Yavapai Museum, the Visitor Center of near Verkamp's Curio Shop. At each location is a leaflet box with trail guides (25 cents each).

4. For scenic views of Grand Canyon, ride the West Rim Shuttle the 8 miles along the West Rim Drive to Hermit's Rest. The Colorado River can be seen from Hopi Point, Mohave Point, and Pima Point.

### One Day

1. Visit Yavapai Museum, the Visitor Center and see the West Rim — all described above.
2. Drive the East Rim Drive to Desert View (25 miles one way) for different view of the Canyon. At Desert View is the famous Watchtower, views of the Painted Desert and the Colorado River. The Tusayan Ruins are located two miles west of Desert View and afford a step back in time at Grand Canyon circa 1185 A.D.
3. Take a walk along the self-guiding nature trail on the rim (described above) or hike two or three hours below the rim on the Bright Angel or South Kaibab trails. Stop at the Visitor Center for trail maps and conditions.

### Overnight

1. Take in as many recommended tours listed above as you have time for.
2. See sunrise and sunset on the Canyon rim. Recommended locations are: Yavapai Point, Yaki Point, Pima Point, or Lipan Point.
3. Attend the National Park Service Evening Program. (See description under Things to Do.)



The Colorado River as it flows through the Grand Canyon.

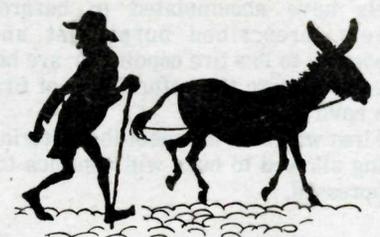
## Grand Canyon News Briefs

### Lost and Found

The park lost and found desk is located at the Visitor Center in Grand Canyon Village.

### Emergency?

National Park Service Rangers are here to provide you with assistance if an emergency occurs. If you need to report a lost person, have a vehicle breakdown, or need a law enforcement official, contact a Ranger or call 638-2477 anytime day or night (this is an emergency number only, for information call 638-7888). If you are in the vicinity of the Visitor Center you may stop in to make a report. After hours an emergency phone is located to the left of the front doors of the Visitor Center and can be used to report emergencies.



Mule strings travel up and down the Bright Angel and Kaibab trails daily as they have since the early 1900s. When you hike, and especially if you run, on these trails there are guidelines which you should observe for your own safety as well as the safety of other hikers on the trail around you.

Mules are naturally afraid of humans and are easily startled or "spooked." Wranglers will advise you of the proper procedures when you encounter a mule string on the trail, and periodically halt the mules so hikers may pass by. Please pass the mules at a walking pace — no sudden movements. Hiker carelessness — banging a walking stick, moving rapidly by, dropping or throwing objects (coats, backpacks, canteens, etc.) — can endanger the hiker and unsuspecting bystanders.

Title 36 Code of Federal Regulations Section 2.23 (f) states that hikers shall remain quiet when mule strings pass on the trail.

Courtesy on the trail will help assure your safe hike in and out of Grand Canyon.

## Grand Canyon News Briefs

### Smoke

If you see smoke during your visit to Grand Canyon, it may be from a natural fire being allowed to burn or a prescribed burn which is purposely set by park staff. Both are a part of the park's fire management program to restore fire to its natural role in the environment.

For over 60 years it was thought that plant communities had to be protected from all fires. Research has shown that fire plays an important role in shaping and maintaining many plant communities.

Fire acts as a rejuvenator to natural ecosystems by releasing stored nutrients from dead and live plant materials, reducing ground litter, and allowing more light through the canopy so new generations of plants can grow.

The absence of fire has resulted in some plant communities being more dense, having larger accumulations of fuels, and being more susceptible to fires of greater intensity.

To restore fire at Grand Canyon, natural fires occurring below 5200 feet (1600 meters) in the Inner Canyon are usually allowed to burn. In areas where ground fuels have accumulated to hazardous levels, prescribed burns, set under moderate to low fire conditions, are being used to restore the natural role of fire in the environment.

Fires which do not meet the criteria for being allowed to burn will continue to be suppressed.

## The Desert

The desert is a laboratory of thousands of years of evolutionary change — a vulnerable balance exists between success and failure. To humans, it appears that life here is lived on the cutting edge, under harsh, unfavorable conditions. But only to us does the word "unfavorable" have any meaning.

What is a desert? It is any land that receives less than ten inches of rain a year, and that irregularly. Coupled with this scanty, fickle precipitation, deserts also live with nearly unbroken sunlight and extremely high temperatures that evaporate what little moisture does fall with mocking swiftness.

The Tonto Platform qualifies nicely as desert. Rainfall averages eight inches a year and temperatures can exceed 110 degrees F (43 degrees C) in July and August.

But, beware of the word "average." As a friend once commented, "An average can mean your head's in the icebox and your feet in the fire."

The stereotype of deserts as perpetually hot, dry regions can be deceiving and dangerous. At night, the clear moistureless air holds little of that daytime warmth and temperatures can drop dramatically. In the summer, heavy afternoon thunderstorms can transform normally arid drainages into raging torrents in minutes.

The plants and animals that live in the Tonto Platform's desert environment are well-adapted to the extremes that nature imposes on them. The desert is their home, and to them it is no less favorable than are forests, marshlands, or prairies to their inhabitants.



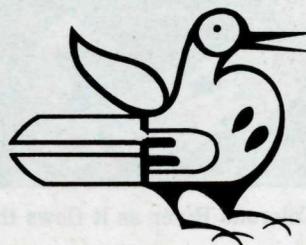
Mule deer.



Abert squirrel.

### CO Danger!

Carbon monoxide is a colorless, odorless, gas generated by combustion of common fuels, such as charcoal in a grill. The health hazard occurs when carbon monoxide displaces oxygen in the blood causing suffocation. High concentrations are fatal. How do you prevent it? Small, unvented heaters, stoves, and grills should never be used in tents or campers and other small enclosed areas because they can give off large amounts of carbon monoxide as well as consume the available oxygen.



GRAND CANYON  
**THE GUIDE**  
NATIONAL PARK

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# THE CANYON SHUTTLE

## How it Works

As more visitors came to Grand Canyon in private automobiles, the resulting traffic problems brought the realization that an alternative transportation system was necessary. Free shuttle bus service was begun to ease congestion and pollution, conserve fossil fuels and allow visitors more time to see the Grand Canyon.

The shuttle bus system operates two loops, one in the Village and one on the West Rim Drive. No tickets or passes are required to ride. Simply board the brown and tan buses at any bus stop, designated by signs bearing the shuttle map. The Village Shuttle provides transportation between the Visitor Center, hotels, restaurants, campgrounds, and other facilities in the Village area. The entire loop takes 45-55 minutes, if you don't get off the bus. At several points in the Village you may get off the bus and cross the street to another stop to return to your starting point more quickly.

### Canyon Shuttle Schedule

#### Village Loop

5:45 a.m. to 10 p.m. every 11 minutes.

#### West Rim

7:30 a.m. to 6:45 p.m. every 15 minutes.

Sunset Specials to Hopi Point leaving the interchange at 7, 7:15, and 7:30 p.m. Because the shuttle buses are not accessible, handicapped individuals are allowed to use private vehicles on the West Rim. Permits are available at the West Rim Interchange Kiosk or the Visitor Center.

#### Hiker's Special

Leaves from the Backcountry Office to Yaki at 7 and 10 a.m. The bus will wait 10 minutes for hikers returning to the Village.

## The Village Shuttle

The free Village Shuttle Bus will stop at each of these locations approximately every 11 minutes between 5:45 a.m. and 10 p.m. (listed in the direction of travel).

- In front of the Shrine of Ages building (next to the Visitor Center), on the main road.
- Below the El Tovar Hotel and across from the historic railroad depot.
- Between the Bright Angel Lodge and the Thunderbird Lodge, on the main road.
- Just west of the Bright Angel Lodge near the start of the West Rim Drive.
- Adjacent to the Mushwhip Cafeteria (under construction).

LET US DO THE DRIVING! IT'S FREE



- In front of the Recreation Center, across from the Ranger Office building.
- Next to the Public Garage.
- On the corner, across from the Shrine of Ages stop and across from the RV dump station.
- Between Camper Services and the entrance to Mather Campground.
- Next to the registration building at Trailer Village.
- Next to Yavapai Lodge Cafeteria and Gift Shop, in the Babbitt's General Store.
- Yavapai Lodge Rooms:

- In the middle of the lower Original Yavapai loop.
- Next to New Yavapai Building #6 (rooms 7451-7483).
- Across from New Yavapai Building #3.
- Across from Yavapai Lodge Cafeteria and Gift Shop, on the side away from Babbitt's General Store.
- In the Yavapai Point parking lot in front of the museum. This stop is not included after 10 p.m.
- And, back to the Shrine of Ages (Visitor Center).

## The West Rim Drive Shuttle

On this 16-mile round trip on the West Rim Drive, buses stop at eight overlooks, ending at Hermits Rest. The round trip takes 1½ hours, if you don't get off the bus. It is a scenic route, and you will see more of the Canyon by getting off at as many stops as you wish. You can catch another bus in 15 minutes, either going farther on the West Rim Drive or returning to the Village. All buses stop at all designated points. A rim trail also connects the points, so you can walk between stops and board a bus at another overlook. The trail is paved to Maricopa Point.

Bus drivers are on a strict schedule and can stop only at designated bus stops. If you see a bus pulling away from a stop, do not run after it. Wait a few minutes and another bus will be along.

The West Rim bus leaves from the West Rim Interchange near Bright Angel Lodge. The Village Shuttle connects with the West Rim bus at the barricade. Get off the Village bus, go around the barricade and wait for the West Rim shuttle. During most of the day, a park ranger is stationed at the Interchange to answer any questions.

There are many good views of the Canyon from the West Rim and a morning or afternoon could be spent in a combination trip of bus riding and walking on the rim. From the West Rim Interchange you might want to ride to the first stop, **Trail-view Overlook**, with its excellent view of the Bright Angel Trail branching out from it. You may then board the next bus or walk a short distance to **Maricopa Point**.

The third stop is **Powell Memorial**, named for Major John Wesley Powell, whose party of ten men made the first trip by boat down the Colorado River through Grand Canyon in 1869.

On the way to the next stop, **Hopi Overlook**, the now inactive Orphan Mine is visible. Hopi Point offers a fine view to the east and west. It is a popular sunset viewing point, but can be crowded in summer.

From the next point, **Mohave**, Hermit Rapids can be seen on the Colorado River.

A dramatic stop on the West Rim is the **Abyss**, where the sheer cliff drops 3000 feet to the Tonto Plateau.

Monument Creek, a sidestream of the Colorado River, can be seen to the east at Pima Point. The Hermit Trail can be seen descending to intersect with the Tonto Trail.

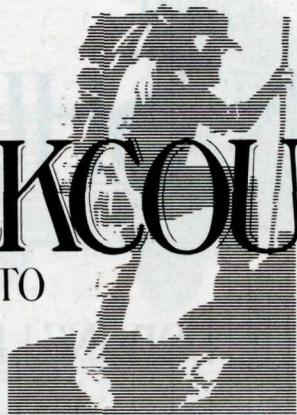
The last stop on the West Rim is **Hermits Rest**, which has a gift shop, refreshment stand, and restrooms.

**WATER AND RESTROOMS ON THE WEST RIM.**

**NO WATER IS AVAILABLE ON THE WEST RIM** except at Hermits Rest. Take a canteen with you. Toilets are located at the West Rim interchange and Hermits Rest.

# BACKCOUNTRY

HIKING INTO THE CANYON



## Hiking Reservations and Permits

In Grand Canyon National Park a free permit system has been established to limit and distribute use in the Inner Canyon. Advance reservations for overnight backpacking are necessary to ensure that you will be able to hike when and where you wish. Reservation requests for overnight backcountry hiking and camping are accepted by mail or in person only. Beginning on October 1, reservation requests will be accepted for the remainder of the current year and for the following calendar year. For example: beginning October 1, 1983, reservation requests will be accepted for the period from October 1, 1983 through December 31, 1984; beginning on October 1, 1984, reservations will be accepted for the period from October 1, 1984, through December 31, 1985, etc. Demand for backcountry permits for the "spring break" period (March 1-April 30), for weekends, holidays, and other vacation periods far exceeds the use limits which have been established to protect backcountry resources and the quality of your experience. As a result, many visitors will not be successful in making reservations.

Permits are needed for overnight hiking only, day hikes do not require a permit.

Reservation requests should be sent to:  
Backcountry Reservations Office  
P.O. Box 129

Grand Canyon, AZ 86023

Reservations requests must include proposed dates for your trip, specific camp areas, number of people in the group as well as alternate dates or areas. Groups are limited to 16 people. There is a two night (consecutive or non-consecutive) limit at each campground. **RESERVATIONS MUST BE CLAIMED BY 9 A.M. MOUNTAIN STANDARD TIME THE DAY OF YOUR HIKE OR THEY WILL BE CANCELED.**

Hikers arriving without reservations should contact the Backcountry Reservations Office. It may be possible to obtain a Backcountry Use permit by placing their name on a waiting list for cancellations. The waiting list will be started when the office opens, the day before the hike would begin. Names are placed on the waiting list **IN PERSON ONLY**. Hikers on the waiting list must be present at 9 a.m. on the day of their hike to check on the availability of permits.

The Backcountry Reservations Office maintains a Backcountry Information Telephone Line to answer your questions concerning trip planning, trail and weather conditions, and water sources. Please note we do NOT accept reservations requests over the information line. The Backcountry Information line is open from 11 a.m. to 5 p.m. Monday through Friday; call (602) 638-2474. Permits are valid **ONLY AT THE** location and dates specified, and must be in your possession.

The Backcountry Reservations Office is located in a building adjacent to Camper Services. Hours are 7 a.m. to 5 p.m.

## Hiking Safely in the Canyon

Along the three maintained backcountry trails in the Grand Canyon, the Bright Angel, North Kaibab and South Kaibab trails, there are three designated campgrounds in which hikers must camp. Indian Gardens, Bright Angel and Cottonwood campgrounds have staffed ranger stations, toilets, purified drinking water, picnic tables, metal poles on which to hang food to protect it from animals.

A hike into the Canyon will test your mental and physical endurance. The average descent takes four hours on the South Kaibab and five hours on the Bright Angel Trail, where water and shade are available. Indian Gardens has water year-round and in the summer water is available at the 3-mile and 1½-mile resthouses on the upper Bright Angel Trail. There are no toilets in either resthouse.

A suggested day hike is to Plateau Point on the Bright Angel Trail. Plateau Point offers a spectacular view of the Colorado River. This is a 12-mile round trip, requiring about 8 hours of hiking. It should be attempted only by experienced hikers. A shorter day hike would be to Cedar Ridge (3-mile round trip) on the South Kaibab trail.

The following recommendations are offered to help you better prepare for a safe hike into the Canyon:

- Water is the most important item you should carry. Each hiker should carry at least two quarts or liters of water per day. Water does no good in the canteen. Drink plenty of water as you hike.

- Cold foods are convenient for backpacking, but if you prefer to cook, take along a lightweight backpacking stove or canned heat. Fires are not allowed in the Canyon.

- Eliminate all unnecessary items from your pack.

- Comfortable footwear is essential. This is not time to break in new boots! Sandals, street shoes and bare feet are an invitation to painful blisters. Wear two pairs of socks to reduce friction between your feet and boots. At the first sign of any

soreness apply moleskin to the "hot spot."

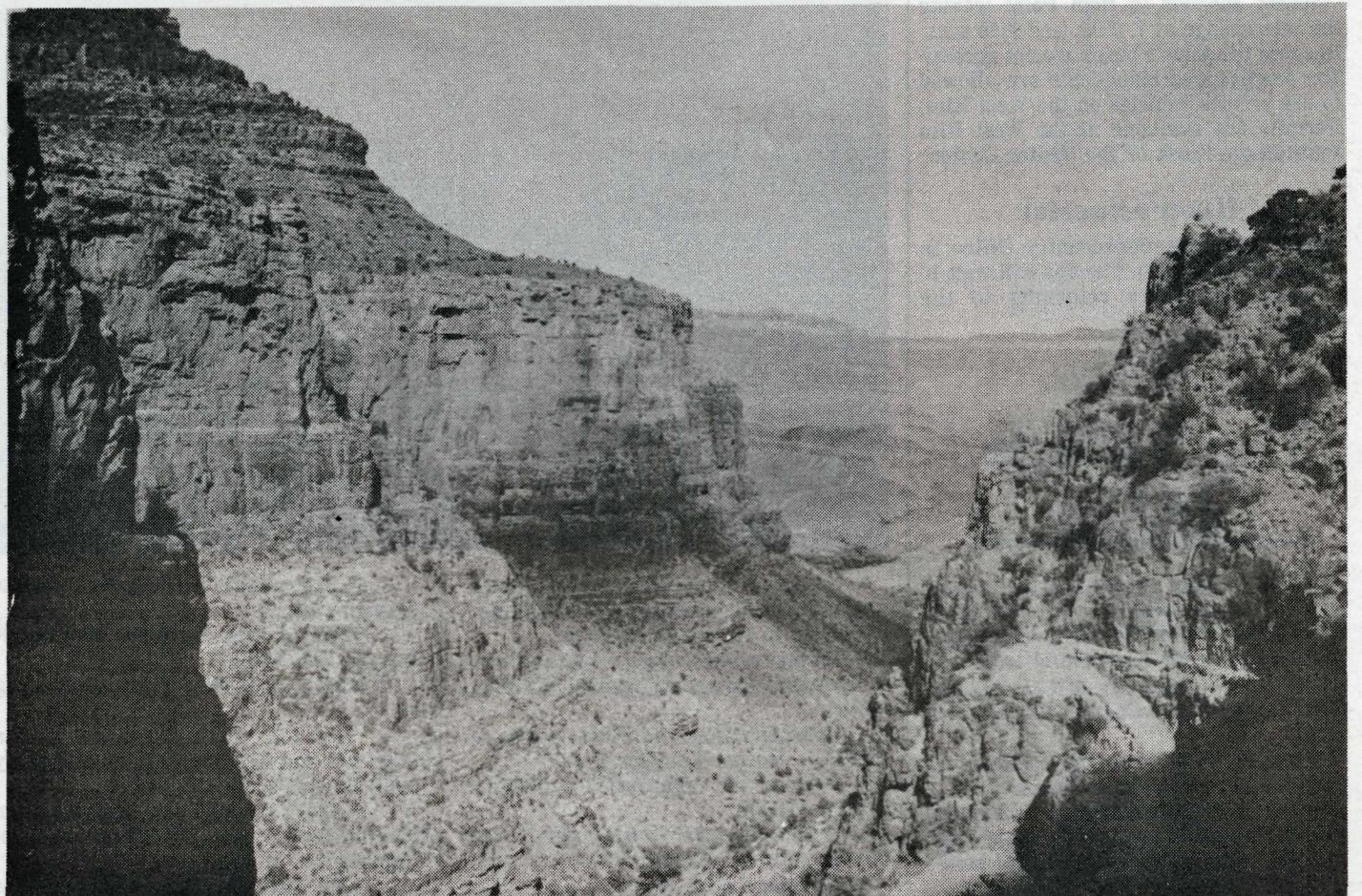
- Take a first-aid kit. It should contain band-aids, moleskin, sunscreen lotion and a signal mirror. Maps and a flashlight are recommended.

- Heat cramps — painful muscle spasms, usually in the arms and legs — can be caused by strenuous exercise and depletion of body salts. For relief, eat salty foods, drink water and gently massage the affected area.

- Heat exhaustion can be caused by overexertion in hot weather. Symptoms: pale face; nausea; cool, moist skin; headache; cramps. Treatment: find shade, drink water, cool the body, rest.

- Heat stroke — Symptoms: red face, dry skin, weak and rapid pulse, high body temperature, inability to cope, unconsciousness. **VICTIM IS IN EXTREME DANGER!** Treatment: find shade, cool victim with water, **GO FOR HELP!**

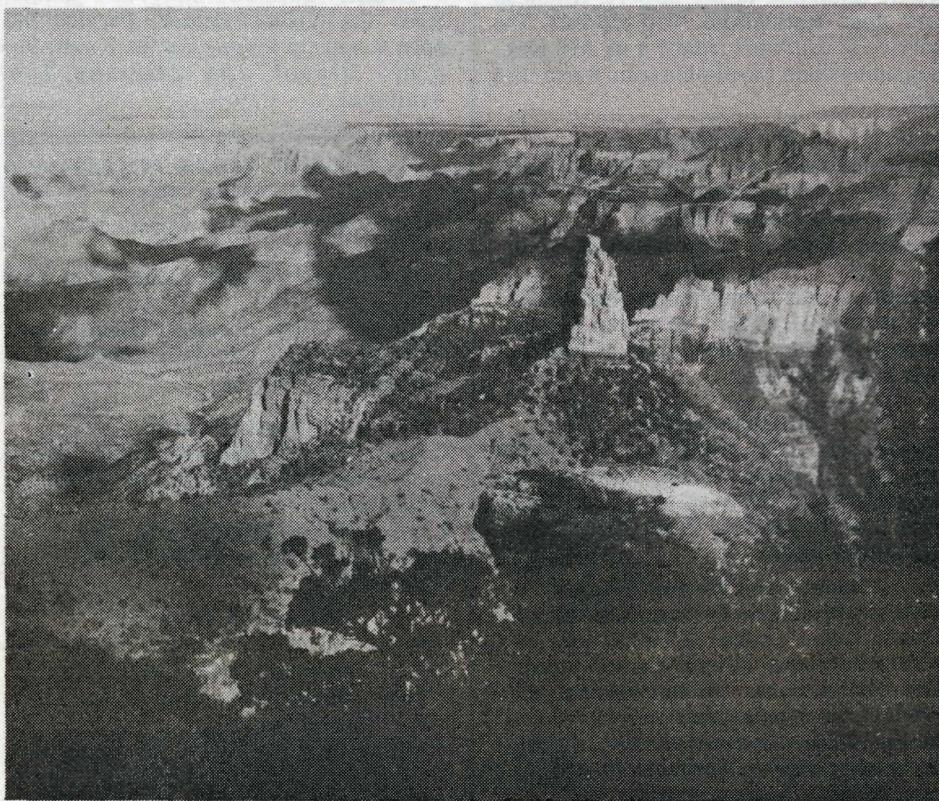
- In cooler temperatures, when your body loses heat faster than it can produce it, there is the possibility of hypothermia. The best defense against hypothermia is to prevent it. Stay dry and warm; put on wool clothes before you get cold. Symptoms include shivering, fumbling hands, lurching walk and drowsiness. The victim should be given dry clothes, protected from the wind, rain and cold, given warm drinks and warmed by skin contact with another person. Hypothermia can occur



Bright Angel Trail above Indian Gardens.

# BACKCOUNTRY

HIKING INTO THE CANYON



Mount Hayden as seen from the North Rim.

when the temperature is as warm as 50 degrees Fahrenheit.

• Do not attempt to swim in the Colorado River. It is swift and extremely cold.

Your hike is what you make it. Take time to plan. If you have further questions, contact the Backcountry Reservations Office.

## Hiking in the Canyon

This checklist was compiled by members of the Backcountry Reservations Office in order to help hikers plan their wilderness experience at Grand Canyon. You will probably want to modify it to suit your own needs.

- Trowel (for disposing of human waste)
- Ground cloth (or poncho, space blanket, etc.)
- Light weight sleeping bag (or sheet blanket, 5' x 6' or larger)
- Ensolite pad or air mattress (optional)
- Backpack stove, fuel and pot (no fires)
- Frame backpack (or choice)

### Clothing:

- Trail clothing worn (underwear, shorts, shirt, etc)
- Lightweight long-sleeved shirt
- Lightweight long pants (optional)
- 1 pair extra socks (heavy)
- 1 pair extra socks (light)
- boots (that fit!)
- 1 pair thongs or light sneakers (optional, for camp use)
- 1 soft cloth (or straw) brimmed hat
- 2 kerchiefs

### Accessories:

- flashlight
- canteens (2 quarts minimum per person)
- map (and/or/guide books)
- jack knife
- cup, bowl and spoon (if needed)
- toilet kit
- sunglasses
- first aid kit (see below)
- ¼" nylon line (25')
- water purification tablets
- can opener

### First Aid Kit:

- 4 - 3" x 3" Sterile gauze pads
- adhesive tape, 1½" or 2" wide
- moleskin sheets
- assorted Band-aids
- Ace bandage and clips
- small curved (nail) scissors
- hydrogen peroxide (in plastic bottle)
- assorted safety pins
- matches (waxed heads or waterproof box)

- tweezers and small magnifying glass
- sunburn lotion
- salt tablets
- Chapstick
- needle (in container)

### Food Supplies in the Grand Canyon Summer — (No Stove)

**Proteins:** Beef roll, salami, cheese (squeeze tubes or hot weather kinds), shelled nuts, peanut butter, hard boiled eggs, beef jerky, canned chicken, shrimp, ham, etc., bacon bar.

**Breads and Cereals:** Granola, rye-crisp or other whole grain crackers, corn tortillas, breakfast bars, "Gorp" (of seeds, nuts, coconut, dry cereals, raisins, etc.), cereals.

**Carbohydrates:** Honey, fruit drops, powdered citrus (for drinking water), preserved or jam fruit, M&M's, cookies, space bars.

**Fresh Produce:** Green pepper, carrots, celery hearts, cauliflower sections, oranges, grapefruit, limes, apples, peaches, plums, pears, nectarines (firm and not quite ripe, in their season).

**Miscellaneous:** Powdered milk, salt (tablets and grains), small cans of vegetables (beets, corn, tomatoes, etc., eaten cold), or fruit (pears, peaches, grapefruit sections, fruit cocktail, pineapple, etc.)

Bring extra plastic bags (small for trail lunch and medium for garbage and trash). Remember when shopping, all cans and containers must be packed out by YOU, so consider repackaging as much food as feasible before hiking.



## Camping on the South Rim

You must camp within a designated campsite in a National Park. Camping in the forest or at one of the overlooks could result in a costly fine.

Reservations for camping at Mather Campground (no hookups) in Grand Canyon National Park can now be made for the summer through Ticketron. Reservations can be made in person at any Ticketron outlet in the country up to eight weeks in advance of the desired camping date.

In Arizona, reservations can be made at Mather Campground or at the National Park Service Office, 1115 N. First Street, Phoenix, AZ. Mail-in reservations can be made through Ticketron Reservation Office, P.O. Box 2715, San Francisco, CA 94126. Mail reservations require approximately two weeks to process.

No telephone reservations are accepted at any location.

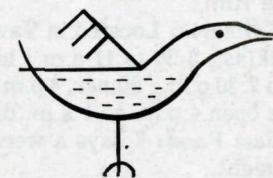
Campsites at Mather Campground (no hookups) are \$6 per site per night. In addition, a one-time fee of \$3.00 is charged if the reservation system is used. The amount must be paid at the time the reservation is made.

Computer sales terminals are located at the following National Park Service locations: Grand Canyon, Yosemite, Sequoia-Kings Canyon, Rocky Mountain, Shenandoah, Great Smoky Mountains, Cape Hatteras, the Phoenix Field Office, Los Angeles Field Office, and the San Francisco National Park Service Information Office.

Trailer sites with hookups are available at Trailer Village located next to Mather Campground. Registration is handled at the entrance to Trailer Village (8 a.m. to 7 p.m.).

**Camper Village:** located 7 miles south of the Park in the town of Tusayan. Hookups are available.

**Ten X Campground:** located 10 miles south of the park and operated by the U.S. Forest Service. Campsites are on a first-come first serve basis with a charge of \$5 per night.





# FACILITIES & SERVICES

## South Rim

### Lodging

**Bright Angel Lodge:** On the rim. Rooms and cabins standard double occupancy \$30-\$45.

**El Tovar Hotel:** On the rim. Standard double occupancy \$65-\$120.

**Kachina Lodge:** On the rim. Make reservations at El Tovar Hotel. Standard double occupancy rooms \$70.

**Thunderbird Lodge:** On the rim. Make reservations at Bright Angel Lodge. Standard double occupancy rooms \$70.

**Mushwhip Lodge:** Located at the west end of the village. Double occupancy rooms \$30-65.

**Yavapai Lodge:** Double occupancy \$45-\$55.

Front desks of the above lodges are open 24 hours a day. For same-day reservations call (602) 638-2631. For advance reservations call (602) 638-2401.

**Grand Canyon International Hostel:** 76 Tonto Street, 638-9018. Check in 4 p.m. to 10 p.m.

**Phantom Ranch:** Overnight dorm space is often available before 9 a.m. and can be reserved by contacting the Bright Angel Transportation Desk in person.

The following lodges are located in Tusayan, 8 miles south of the park on U.S. Highway 64 South.

**Grand Canyon Squire Inn:** double room \$75. (602) 638-2681.

**Red Feather Lodge:** double room \$55-\$65. (602) 638-2673.

**Moqui Lodge:** Rooms \$38-\$48. (602) 638-2424.

### Food & Drink

**El Tovar Dining Room:** Breakfast, 6:30 a.m. to 11 a.m.; lunch, 11:30 a.m. to 2 p.m.; dinner, 5 p.m. to 10 p.m. Slacks required at dinner. View of the Canyon. Lounge open 11 a.m. to 1 a.m. daily, Sunday 12 p.m. to 1 a.m.

**Bright Angel Restaurant:** Family dining. Open 6:30 a.m. to 10 p.m. Lounge open 11 a.m. to 1 a.m. daily, Sunday noon to 1 a.m.

**Bright Angel Fountain:** 11:30 a.m. to 8:30 p.m. daily.

**Arizona Room Steakhouse:** Open 5 p.m. to 10 p.m. daily. Located between Bright Angel Lodge and Thunderbird Lodge on the Rim.

**Yavapai Cafeteria:** Located in Yavapai Lodge. Breakfast, 6:30 to 11 a.m.; lunch, 11:30 a.m. to 2:30 p.m.; dinner, 4 p.m. to 9 p.m. Lounge open 4 p.m. to 1 a.m. daily.

**Yavapai Fast Food:** 7 days a week. 11 a.m. to midnight.

**Yavapai Lounge:** 11:30 to 1 a.m. Monday-Saturday. Twelve noon to 1 a.m. Sundays.

**Babbitt's General Store:** Located across from the Visitor Center. Open 8 a.m. to 7 p.m. Monday-Saturday; 9 a.m. to 7 p.m. Sunday.

**Babbitt's Delicatessen:** Located in Babbitt's General Store. Open 8 a.m. to 6 p.m. Monday-Saturday; 9 a.m. to 6 p.m. Sunday.

The following businesses are located in Tusayan, 8 miles south of the entrance station on Highway 64 South.

**Red Feather Lodge:** Restaurant open from 6:30 a.m. to 9:30 p.m.

**Canyon Food Mart:** Open daily from 6 a.m. to 11 p.m.

**We Cook Pizza, ETC.:** Open daily 11 a.m. to 10 p.m. Lunch and dinner. 638-2278.

**General Store:** Open Monday-Saturday, 9 a.m. to 8 p.m. Sunday, 9 a.m. to 7 p.m.

**Moqui Lodge:** Breakfast, 7-10 a.m.; dinner, 6 p.m. to 10 p.m. Mexican and American food. Lounge open 5 p.m. to 1 a.m.

**Grand Canyon Squire Inn:** Coffee Shop open 6 a.m. to 2 p.m. Dining Room open 5 p.m. to 10 p.m. Lounge open 11 a.m. to 1 a.m.

### Other Facilities

#### Medical Services

**EMERGENCY/AMBULANCE:** 638-2477. If busy call 638-7888.

**Grand Canyon Medical Clinic:** Open 8:30 a.m. to 5 p.m. seven days a week. Call 638-2551 or 638-2469. After 5:30 p.m. EMERGENCY ONLY 638-2477.

**Grand Canyon Pharmacy:** open 8:30 a.m. to 5 p.m. Monday through Friday, 8:30-12:30 Saturday. Call 638-2460.

Payments at both the clinic and pharmacy are on a cash only basis. Credit cards are accepted.

#### Backpacking Equipment

**Babbitt's General Store:** Located across from the Visitor Center. Open 8 a.m. to 7 p.m. Monday-Saturday; 9 a.m. to 7 p.m. Sunday.

**Grand Canyon Trail Guides:** Backpacking, camping, hiking equipment rental and repair services. Located in the train depot. Open 7 a.m. to 7:30 p.m. daily. (602) 638-2391.

#### Transportation

**Bright Angel Transportation Desk:** Located in Bright Angel Lodge. Handles arrangements for bus and air tours and mule trips. Open from 7 a.m. to 6 p.m., beginning June 1 open from 7 a.m. to 7 p.m.

**Yavapai Transportation Desk:** Located in Yavapai Lodge. Handles arrangements for bus and air tours 8:30 a.m. to 2:30 p.m. and 4 to 5:30 p.m., beginning June 1 open from 8:30 a.m. to 2:30 p.m. and 4:30 to 6 p.m.

**Bus:** Nava-Hopi Bus Lines run daily between Grand Canyon and Williams and Flagstaff, Arizona, with connection to other commercial bus lines. Contact Bright Angel Transportation Desk in Bright Angel Lodge for tickets and schedules.

**Taxi:** Available to the airport, trailhead and other destinations. Call 638-2822. The service is available from 7 a.m. to 8 p.m., beginning June 1 available from 6 a.m. to 9 p.m.

#### Pet Kennels

The kennels are open from 7:30 a.m. until 5:30 p.m. After 5:30 p.m. contact Fred Harvey switchboard, 638-2631. Animals cannot be retrieved after 6 p.m.

#### Post Office

Located across from Visitor Center. Window service: 8:30 a.m. to 5 p.m. Monday through Friday. Lobby open 24 hours a day, 7 days a week.

#### Horseback Rides

Horseback rides available at Apache Stables at Moqui Lodge located eight miles south of the park on U.S. 64 South. One hour to half-day rides; call 638-2424 for reservations.

#### Beauty and Barber Shops

**Bright Angel Hair Design:** located in the Bright Angel Lodge. Open 10 a.m. to 5 p.m. Wednesday through Saturday. Later and earlier hours by appointment. Call 638-2210 for appointments.

**Moqui Beauty & Barber Shop:** Located in Moqui Lodge in Tusayan. 10 a.m. to 6 p.m. Monday through Friday.

#### Telegraph Office

Located in Grand Canyon National Park Lodges Office. Open 8 a.m. to 5 p.m. Monday through Friday.

#### Service Stations & Garage

**Grand Canyon Garage:** Located west of Grand Canyon National Park Lodges Office. Open 8 a.m. to 12 noon and 1 p.m. to 5 p.m.

**Grand Canyon Chevron:** Across from the Visitor Center. Service bay open 9 a.m. to 6 p.m. Pumps 7 a.m. to 8 p.m. Diesel and propane fuel available.

The following stations are located in Tusayan, 8 miles south of the Grand Canyon Shell: Open 7 a.m. to 7 p.m.

**Grand Canyon Mobil:** Open 7 a.m. to 7 p.m.

**Moqui Lodge Service Station:** Open 7:30 a.m. to 6:30 p.m. daily. Mechanic on duty daily 8-4:30 p.m.

#### Service Clubs

**Grand Canyon Rotary Club:** Meets every Thursday at 12:10 p.m. at the El Tovar Hotel.

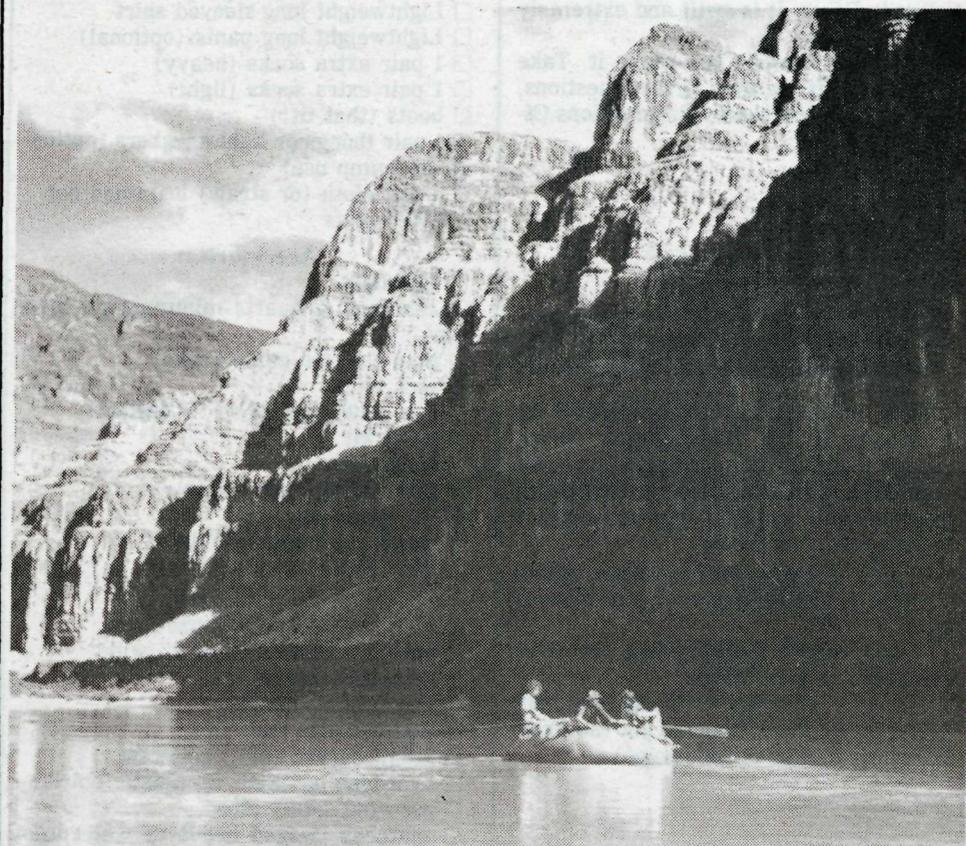
**Lions Club:** Meets first and third Thursdays at 7 p.m. at the Grand Canyon Squire Inn.

#### Showers & Laundry

**Camper Services:** Includes shower and laundry (coin-operated). Located next to Mather Campground. Open 9 a.m. to 7 p.m., 7 days a week.

**Dry Cleaning:** Located in the Recreation Building across from the Ranger Office. The public is responsible for own pickup and delivery. Lodge guests may contact front desks. Three-day service. Open 3 p.m. to 5:30 p.m. Monday, Wednesday and Friday.

continued on page 7



Raft in a peaceful stretch of river.



# FACILITIES & SERVICES

continued from page 6

### Bank

**Valley National Bank:** Located across from the Visitor Center. Open Monday through Thursday 10 a.m. to 3 p.m. Friday, 10 a.m. to 3 p.m. and 4 p.m. to 6 p.m. Will cash traveler's checks and exchange foreign currency. We cannot accept out of town checks. Cash advances on charge cards are available and we also accept wire transfers.

### Propane

Available at Grand Canyon Chevron across from Visitor Center. Available in Tusayan, 8 miles south of the park on Highway 64 South at the Grand Canyon Shell and the Grand Canyon Mobil service stations.

### Guided Tours

**Phantom Ranch:** One and two-day mule trips into the Canyon are normally available on a daily basis. Contact the Bright Angel Transportation Desk for full information, 7 a.m. to 6 p.m. Beginning June 1 open from 7 a.m. to 7 p.m.

**Guided Bus Tours: Desert View Watchtower Tour:** The three hour (\$13) East Rim tour begins at 9:30 a.m. and 1 p.m. daily and travels 23 miles to the east to the Desert View Watchtower and returns. **Hermits Rest Tour:** Leaves Bright Angel Lodge at 9:30 a.m. and 2:30 p.m. daily. This 2 hour tour costs \$9. **River Trip:** offered Tuesdays, Thursdays and Saturday. **Sunset Tour:** begins May 1. Contact either the Bright Angel or Yavapai Transportation desks for tickets and information for the above tours. **The Indian Lands Tour:** This limited tour travels 322 miles and is designed to introduce sincere visitor to the cultures of the Navajo and Hopi nations. This ten hour tour costs \$52 per adult. **Monument Valley Tour:** This 12 hour tour costs \$60 per adult and \$30 per child. Available on Mondays and Fridays. Contact the Bright Angel Transportation desk for details.

**Air Tours:** Reservations for helicopter and airplane tours can be made at Bright Angel Transportation Desk or by calling Grand Canyon Helicopters 638-2419; Madison Aviation (helicopter) 638-2688; Air Grand Canyon 638-2618; or Grand Canyon Airlines 638-2407.

### Shops

Verkamp's Curio ..... 9 a.m. to 7 p.m.  
Bright Angel Curio ... 7 a.m. to 10 p.m.  
Bright Angel  
History Room ..... 8 a.m. to 5 p.m.  
El Tovar Curio ..... 7 a.m. to 9 p.m.  
El Tovar Newsstand ... 7 a.m. to 9 p.m.  
Hopi House ..... 8 a.m. to 7 p.m.  
Lookout Studio ..... 8 a.m. to 7 p.m.  
Yavapai Curio ..... 7 a.m. to 9 p.m.  
Hermits Rest  
Trading Post ..... 8 a.m. to 7 p.m.

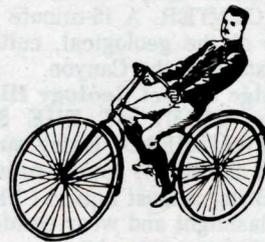


The Desert View Watchtower.

## Desert View

Desert View is located 25 miles (40 km) east of Grand Canyon on Highway 64 (the road to Cameron, Arizona). The Desert View Watchtower stairs close 30 minutes before the Watchtower Gift Shop. Services at Desert View include:

Watchtower Gift Shop ..... 9 a.m. to 6 p.m.  
Trading Post Gift Shop ..... 9 a.m. to 6 p.m.  
Trading Post Fountain ..... 9 a.m. to 4:30 p.m.  
Babbitt's General Store ..... 8 a.m. to 6 p.m.  
Service Station ..... 8 a.m. to 5 p.m.



Summer weather brings out joggers and bicyclists. Don't let your exercise program be cut short by an untimely accident while using the park roads. Joggers are asked to wear bright reflective clothing. Bicyclists are reminded that reflectors and lights are required by law when riding at night. Joggers and cyclists are asked to be especially wary of vehicle traffic on Center Road and the West Rim Drive.

### Religious Services

**A Christian Ministry in the National Parks.** Grand Canyon Community Church: Interdenomination Services of Worship. Office phone 638-2572. Jerry Waddell, Pastor, 638-2340.

**SUNDAY:** 11 a.m. Services of Worship of Shrine of the Ages. Children's nursery available.

**TUESDAY:** 7:30 p.m. Midweek Bible Study at the Community Building.

**El Cristo Rey Parish:** Roman Catholic, Father Edmund Campers, 638-2390.

**SATURDAY:** 5:30 p.m. Mass

**SUNDAY:** 7 a.m. and 12:30 p.m. Masses at Shrine of the Ages.

**Grand Canyon Baptist Church:** Bill Mastriani, Pastor, 638-9421.

**SUNDAY:** 9:30 a.m., 5:30 p.m. Worship at Shrine of Ages. Nursery for preschoolers.

11:00 a.m. Sunday School for all ages at High School Library.

**WEDNESDAY:** 7:00 p.m. Midweek Bible Study at Shrine of the Ages.

**Grand Canyon Assembly of God:** Carl B. Hall, 638-9415.

**SUNDAY:** 9:45 a.m. Sunday School at the Community Building.

11:00 a.m. Worship Service at Community Building.

6:00 p.m. Worship Service at Shrine of the Ages.

**THURSDAY:** 7:00 p.m. Worship Service at Shrine of the Ages.

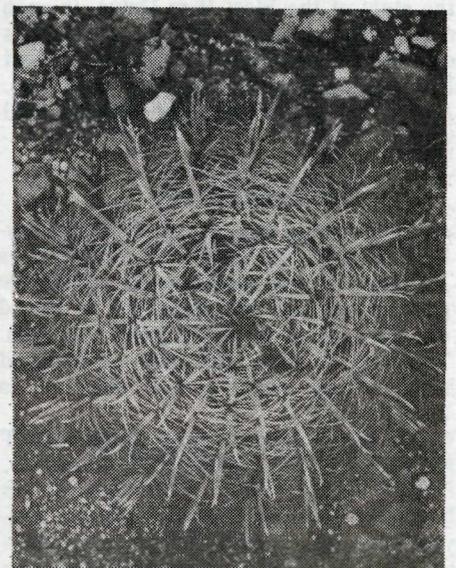
**The Church of Jesus Christ of Latter-day Saints:** Branch President Allen A. Keske 638-2312. All meetings held in Shrine of Ages.

**SUNDAY:** 7:00 a.m. Melchizedek Priesthood.

8:15 a.m. Aaronic Priesthood, Young Women, Primary, Sunday School

9:30 a.m. Sacrament Meeting

10:45 a.m. Relief Society



Barrel Cactus, Ferocactus wislizenii.

# THINGS TO DO



## South Rim

### Grand Canyon Village Visitor Center

\*The Visitor Center is located 3 miles north of the South Entrance Station and is open from 8 a.m. to 8 p.m. daily. General information about the park, maps and brochures can be obtained at the Information Desk.

An exhibit hall features exhibits on the human and natural history of Grand Canyon. Special exhibits may be on display from time to time. Boats and rafts used on the Colorado River during this century are on display in the courtyard.

The Grand Canyon Natural History Association bookstore, open from 8:15 a.m. to 8 p.m. daily, is located in the lobby. Publications and maps about Grand Canyon are available for purchase.

The Backcountry Reservation Office is no longer located at the Visitor Center. It has moved to the Camper Services area near Mather Campground.

### Orientation Program

A 15-minute narrated slide program is offered from 8:30 a.m. to 7:30 p.m. daily in the Visitor Center Auditorium. The program begins on the hour and the half hour and offers a brief introduction to Grand Canyon.

### Yavapai Museum

\*Yavapai Museum, located ¼ miles east of the Visitor Center, features exhibits on the geologic history of the Grand Canyon of the Colorado River, including a geologic time clock, rock samples, and explanations of the formation of the Canyon. From the museum's large glass windows you can see a panorama of the Canyon. The museum is open daily from 8 to sunset.

### West Rim Information Kiosk

An information booth, or kiosk, located at the start of the West Rim Drive, is open daily from 8:30 a.m. to 6 p.m. A ranger is on duty to assist visitors with the West Rim Shuttle Bus and to answer questions. Arizona is on Mountain Standard Time all year.

### Programs

\*Early Morning Rim Walk: 6:30 a.m. daily. MEET AT YAVAPAI MUSEUM. This 1½ hour ranger-guided walk along the Canyon rim will introduce you to Grand Canyon's diversity as the new day breaks. The walk is about one mile on a paved trail. Free shuttle bus service is available.

Cedar Ridge Hike: 7 a.m. daily. MEET AT THE SOUTH KAIBAB TRAILHEAD, NEAR YAKI POINT. This rigorous 3½ hour hike descends 1300 feet into the Canyon and is 3 miles round trip. Participants should be prepared for sudden weather changes and must carry one quart (1 liter) of water per person. A light snack is recommended. Wear sturdy boots or shoes. This is a strenuous hike.

\*Yavapai Canyon Talk: 8:30 and 11:15 a.m., 1:15, 3:15, and 6 p.m. daily. MEET AT YAVAPAI MUSEUM. A 15-minute talk on some aspect of the geological, cultural or natural history of the Canyon.

\*Yavapai Geology Walk: 9 a.m. and 2 p.m. daily. MEET AT YAVAPAI MUSEUM. This 60 minute walk with a ranger examines Grand Canyon geology in detail. You will see ancient mountains, fossils, seas and the reason the Canyon came to be in northern Arizona. This walk is one-half mile long to Grandeur Point and back.

El Tovar Historic Tour: 10 a.m. Tuesday, May 29 only. MEET A RANGER IN THE HOTEL LOBBY. It is 1910 for the "Harvey Girl" who leads this walk back in time through the historic El Tovar Hotel. Limited to 25 on a first-come basis. One hour.

West Rim Canyon Talk: 10 a.m. and 3 p.m. daily. TAKE THE SHUTTLE BUS TO TRAILVIEW I ON THE WEST RIM DRIVE. Join a ranger for a 15-minute talk about hiking, trail safety or trail history.

\*Yavapai Geology Talk: 10:30 a.m., 12:15 and 4 p.m. daily. MEET AT YAVAPAI MUSEUM for a 20-minute program on Grand Canyon geology.

West Rim Canyon Talk: 11 a.m. and 4 p.m. daily. TAKE THE SHUTTLE BUS TO MARICOPA POINT ON THE WEST RIM DRIVE. Join a ranger for a 15-minute talk on the geology of Grand Canyon.

West Rim Canyon Talk: Noon and 5 p.m. daily. TAKE THE SHUTTLE BUS TO MOHAVE POINT ON THE WEST RIM DRIVE. Join a ranger for a 15-minute talk on the Colorado River.

\*Rim Walk: 1:15 p.m. daily. MEET AT THE EL TOVAR HOTEL FLAGPOLE ALONG THE CANYON RIM. This 90 minute ranger-guided walk along the rim of the Canyon will introduce you to the Canyon's history, geology, plants and animals. The walk is about one mile on a paved trail. Free shuttle bus service is available.

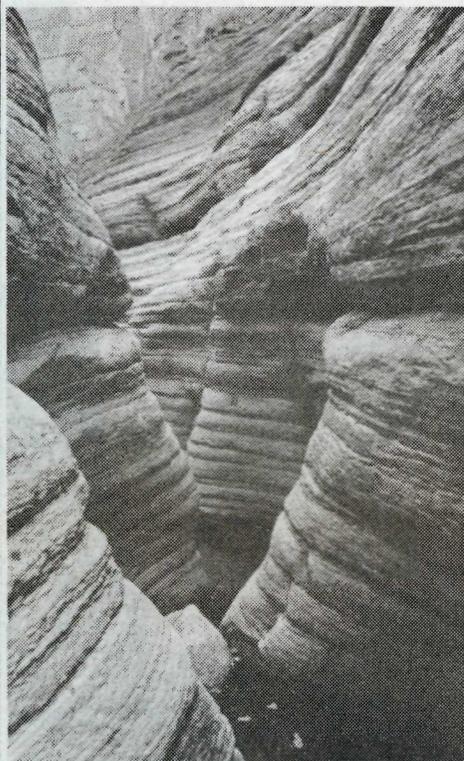
\*Visitor Center Canyon Talk: 1:15, 2:15 and 3:15 p.m. daily. MEET AT THE VISITOR CENTER. A 15-minute talk on an aspect of the geological, cultural or natural history of the Canyon.

Cedar Ridge Sunset Geology Hike: 5 p.m. daily. MEET AT THE SOUTH KAIBAB TRAILHEAD. Enjoy sunset in the Canyon on this 3½ hour, 3-mile round trip hike. Bring at least 1 quart (1 liter) of water, a flashlight and wear comfortable shoes for this strenuous hike.

\*National Park Service Evening Program: 8:30 p.m. nightly. HELD IN MATHER AMPHITHEATER, BEHIND THE VISITOR CENTER. A 45-minute narrated program about some aspect of the cultural or natural history of the Canyon. For the program topic, see the bulletin board in the Visitor Center lobby or call 638-9304. The program is preceded by a 25-minute question and answer session beginning at 8 p.m. Nights are chilly, please dress warmly.

## North Rim

A separate Guide for the North Rim is available upon request at the Visitor Center Desk.



Matkatamiba Canyon.

### PROGRAM INFORMATION

For recorded announcement of evening program topic, visitor activities, and programs, dial 638-9304. Updated daily.

### DISABLED?

\*Programs accessible to the physically handicapped. We ask you to be aware that all walks listed are moderately strenuous and may require an attendant. The National Park Service also provides wheelchairs for temporary use by park visitors. No rental fee is charged. The wheelchairs are available at the Visitor Center and Yavapai Museum. A copy of the Grand Canyon National Park Accessibility Guide is available free upon request at the Visitor Center and Yavapai Museum. Various publications are available on tape, in large print, and in Braille. Contact the Visitor Center for information about shuttle buses with wheelchair lifts.

## Desert View

Tusayan Museum is located on the East Rim Drive just four miles west of Desert View and welcomes visitors from 9 a.m. to 4:30 p.m. daily. Native American cultures and crafts from this area, past and present, are displayed. Adjoining the museum is a self-guiding trail around a prehistoric Indian village.

\*Archeology Talk: daily at 10 a.m. and 2 p.m. at Tusayan Museum.

\*Geology Talk: daily at 11 a.m. and 3 p.m. Meet next to the Desert View Watchtower for an introduction to the geology at Grand Canyon and the Colorado Plateau.

Watchtower Tour: daily at 2 p.m. Discover the ancient lore of the Hope while exploring this 1930s interpretation of Anasazi architecture. Meet at the desert View kiosk. Admission to the Watchtower is 25 cents.

Sunset Rim Walk: Meet 40 minutes before sunset at the Desert View Campfire Circle for a leisurely nature walk along the rim to a special place to view the sunset. Beginning May 16.



### Sunrise & Sunset

May 25	5:16 a.m.	7:35 p.m.
May 26	5:16 a.m.	7:36 p.m.
May 27	5:15 a.m.	7:37 p.m.
May 28	5:15 a.m.	7:37 p.m.
May 29	5:14 a.m.	7:38 p.m.
May 30	5:14 a.m.	7:39 p.m.
May 31	5:13 a.m.	7:39 p.m.

June 1	5:13 a.m.	7:40 p.m.
June 2	5:13 a.m.	7:41 p.m.
June 3	5:12 a.m.	7:41 p.m.
June 4	5:12 a.m.	7:42 p.m.
June 5	5:12 a.m.	7:42 p.m.
June 6	5:12 a.m.	7:43 p.m.
June 7	5:12 a.m.	7:43 p.m.
June 8	5:11 a.m.	7:44 p.m.
June 9	5:11 a.m.	7:44 p.m.

